

ABSTRACT

There is provided an apparatus and a method for generating record data, guaranteeing seamless playback even in a case of occurrence of a jump. In a multilayer disc having a plurality of recording layers, it is configured that an allowable range of an intra-layer jump and an inter-layer jump carried out in a playback processing of an information recording medium is determined and a required time for the intra-layer jump and the inter-layer jump is calculated on the basis of the determined allowable jump range information so as to determine a data configuration requirement such as an allowable minimum consecutive data size of data to be stored in the information recording medium on the basis of the calculated required jump time. With the present structure, seamless playback is made possible even in a case of occurrence of not only an intra-layer jump but also an inter-layer jump.